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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/669,122	09/23/2003	David Patron	1033-T00539	2884

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EXAMINER	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/669,122	PATRON ET AL.	
	Examiner	Art Unit	
	Kwasi Karikari	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *04 May 2007*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-20* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-20* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 05/04/2007 have been fully considered but they are not persuasive.

a. In the remarks, the Applicant argues, in reference to claim 1, that Deshpande et al. does not disclose;

["a system with an authorization engine operable to grant access to both transport services and federated data services of federated data service providers in response to authorization of the first set of credentials"].

However, the Examiner disagrees with such assertion. Deshpande specifically mentions a wireless access point that provides access to the hotspot service provider's network; and the service provider's network that may in turn provide access to the Internet or other electronic services (e.g., a corporate intranet); and a registration, authentication and authorization of the mobile wireless device (see Pars. 0019-22). Furthermore, Deshpande mentions a user's network usage, Internet service provider, mobile phone service provider and hotspot service provider having a relationship with one or more user's other service providers.

b. In the remarks, the Applicant argues, in reference to claim 7, that Deshpande et al. does not disclose;

["authorizing access to a network data service and a network transport service in response to authenticating the first set of credentials, wherein said network data service is provided by a federated web-based data service provider"].

However, the Examiner disagrees with such assertion. Deshpande specifically mentions a wireless access point that provides access to the hotspot service provider's network; and the service provider's network that may in turn provide access to the Internet or other electronic services (e.g., a corporate intranet); and a registration, authentication and authorization of the mobile wireless device (see Pars. 0019-22). Furthermore, Deshpande mentions a user's network usage, Internet service provider, mobile phone service provider and hotspot service provider having a relationship with one or more user's other service providers.

c. In the remarks, the Applicant argues, in reference to claim 11, that Deshpande et al. does not disclose;

["a computer-readable medium to initiate communication authorizing access to both a network transport service and a network data service, wherein said network data service is provided by a federated web-based data service provider"].

However, the Examiner disagrees with such assertion. Deshpande specifically mentions a wireless access point that provides access to the hotspot service provider's network; and the service provider's network that may in turn provide access to the Internet or other electronic services (e.g., a corporate intranet); and a registration, authentication and authorization of the mobile wireless device (see Pars. 0019-22). Furthermore, Deshpande mentions a user's network usage, Internet service provider, mobile phone service provider and hotspot service provider having a relationship with one or more user's other service providers.

d. In the remarks, the Applicant argues, in reference to claim 12, that Deshpande et al. does not disclose;

["a computer-readable medium having computer-readable data to receive an input requesting retrieval of information associated with a network data service that is provided by a federated web-based data service provider"].

However, the Examiner disagrees with such assertion. Deshpande specifically mentions a wireless access point that provides access to the hotspot service provider's network; and the service provider's network that may in turn provide access to the Internet or other electronic services (e.g., a corporate intranet); and a registration, authentication and authorization of the mobile wireless device (see Pars. 0019-22). Furthermore, Deshpande mentions a user's network usage, Internet service provider, mobile phone service provider and hotspot service provider having a relationship with one or more user's other service providers.

e. In the remarks, the Applicant argues, in reference to claim 13, that Deshpande et al. does not disclose;

["a system with an authentication token operable as a valid indicator of access rights to both transport services and federated data services of federated data service providers"].

However, the Examiner disagrees with such assertion. Deshpande specifically mentions a wireless access point that provides access to the hotspot service provider's network; and the service provider's network that may in turn provide access to the Internet or other electronic services (e.g., a corporate intranet); and a registration,

authentication and authorization of the mobile wireless device (see Pars. 0019-22). Furthermore, Deshpande mentions a user's network usage, Internet service provider, mobile phone service provider and hotspot service provider having a relationship with one or more user's other service providers.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Deshpande et al. (U.S 20020176579 A1), (hereinafter Deshpande).

Regarding **claims 1, 11, 12, and 13,** Deshpande discloses a network access system/program comprising:

a first network access hub (= hotspot access point 20) communicatively coupled to a global communications network (= hotspot provide network 10, see Fig. 1);

a second network access hub (= hotspot access point 30) communicatively coupled to the global communications network (= hotspot provide network 10, see Fig. 1);

an authentication engine (= authentication, billing 50) communicatively coupled to the first network access hub (20) and the second network access hub (30), the

authentication engine operable to receive an initial set of credentials (identification and authentication information such as name and password) from a requesting user (= mobile device 40, see Par. [0023]) via the global communications network (see Pars. [0025 and 0037]); and

an authorization engine operable to grant access to both transport services (bandwidth connection, see Par. [0021]) and federated data services of federated data service providers in response to authorization of the first set of credentials (see Pars. [0019-22]).

Regarding **claim 2**, as recited in claim 1, Deshpande discloses that the system further comprising a short-range wireless transceiver associated with the first network access hub (see Pars. [0002 and 0020]).

Regarding **claim 3**, as recited in claim 2, Deshpande discloses the system, wherein the transport services comprise wireless communication via a wireless local area network technology link (see Par. [0021]).

Regarding **claim 4**, as recited in claim 3, Deshpande discloses the system, wherein the data services comprise a service that provides personalized information based on an identity of the requesting user (see Par. [0025]).

Regarding **claim 5**, as recited in claim 4, Deshpande discloses the system, wherein, a first data service is provided by a first service provider, the data services further comprising another data service provided by a different service provider (= intranet and internet services, see Pars. [0019, 0027 and 0030]).

Regarding **claim 6**, as recited in claim 5, Deshpande discloses that the system, further comprising

a federation engine operable to maintain information that indicates members of a service provider federation, the service provider federation comprising the first service provider and the different service provider (= other service providers, see Pars. [0019-22 and 0029-30]).

Regarding **claim 7**, Deshpande discloses a network access method comprising:

receiving a first set of credentials (= user's name, and password, see Par. [0025]); and authorizing access to a network data service and a network transport service in response to authenticating the first set of credentials; wherein said network data service is provided by a federated web-based data service provider (see Pars. [0019-22]).

Regarding **claim 8**, as recited in claim 7, Deshpande discloses that the method further comprising:

receiving a request for access from an electronic device (see Par. [0020]);

prompting the electronic device to send the first set of credentials (= PIN, password); authenticating the first set of credentials; and communicating an authentication token to the electronic device (see Pars. [0020 and 0025].

Regarding **claim 9**, as recited in claim 8, Deshpande discloses that the method further comprising:

requesting that the electronic device cache the authentication token (see Par. [0020]); receiving a subsequent request for access from the electronic device (see Par. [0020]); recognizing an existence of the authentication token at the electronic device; and authorizing access in response to the subsequent request without further authentication (see Pars. [0022, 0025, 0034 and 0037]).

Regarding **claim 10**, as recited in claim 7, Deshpande discloses that the method further comprising;

receiving a request from an electronic device seeking access to a first data service via a first transport service (see Par. [0020]);

prompting the electronic device to send the first set of credentials authenticating the first set of credentials (see Par. [0037]);

receiving a request from a second electronic device seeking access to a second data service via a second transport service (see Pars. [0021 and 0030]); prompting the second electronic device to send a set of credentials; and authenticating the set of

credentials (see Par. [0037]).

Regarding **claim 14**, as recited in claim 13, Deshpande discloses that the system further comprising the electronic device having a cache operable to store the authentication token (see Pars. [0024 and 0037].

Regarding **claim 15**, as recited in claim 13, Deshpande discloses the system, wherein authentication token is a valid indicator of access rights to both transport services and data services at a second one of the plurality of hotspots (see Pars. [0037 and 042-43]).

Regarding **claim 16**, as recited in claim 13, Deshpande discloses that the system, further comprising:

an authentication engine communicatively coupled to the broad communications network and operable to receive an initial set of credentials from a requesting user and to compare the initial set of credentials against a maintained set of credentials (see Par. [0037]); a valid signal indicating that the requesting user is a valid user; and a federation engine operable to initiate a sharing of information associated with the valid user with a first federated data service provider (see Pars. [0030 and 0042-43]).

Regarding **claim 17**, as recited in claim 13, Deshpande discloses that the system, further comprising:

an authentication engine communicatively coupled to the broad communications network and operable to output a valid signal indicating that a user requesting access is

a valid user and entitled to transport and data service access (see Par. [0037]); a federation engine operable to initiate a sharing of at least a portion of a valid user information file with a first federated data service provider (see Pars. [0042-43]); and the valid user information operable to facilitate access to a federated data service without additional sign on operations by the user requesting access (see Par. [0037]).

Regarding **claim 18**, as recited in claim 13, Deshpande discloses the system, wherein the data service comprises a unified messaging mailbox (see Pars. [0019 and 0041]).

Regarding **claim 19**, as recited in claim 13, Deshpande discloses the system, wherein the transport service comprises access to the broad communication network via the at least one of the plurality of hotspots (see Par. [0019] and Fig. 2).

Regarding **claim 20**, as recited in claim 19, Deshpande discloses that the system, further comprising:

an authentication engine communicatively coupled to the broad communications network and operable to output a valid signal indicating that a user requesting access is a valid user and entitled to transport and data service access (0037);

a federation engine operable to initiate a sharing of at least a portion of a valid user information file with a first federated data service provider (see Par. [0037]); and the valid user information operable to facilitate access to a federated data service without additional sign on operations by the user requesting access (= upon

authentication, subsequent handshaking of the device with another access point will not require the user to supply identification and/or authentication information for access to services (see Pars. [0025, 0034 and 0037]).

Conclusion

3. **Examiner's Note**: Examiner has cited particular columns and line numbers in the references applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a). A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and

any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of 33the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kwasi Karikari whose telephone number is 571-272-8566. The examiner can normally be reached on M-F (8 am - 4pm). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Rafael Pérez-Gutiérrez* can be reached on 571-272-7915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8566. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kwasi Karikari
Patent Examiner.
07/04/2007

JOSEPH FEILD
SUPERVISORY PATENT EXAMINER